

Alaska Alternate Assessment
Reading Form A
2009-10

Development of Form A for Alaska 2009-10 Alternate Assessment

Task No	Item No	ExGLE	Item Description	EED Comments on Cousin Item Development	Items to Retain or Remove From 2008-09 Test	Retained Items	Items to Add From Cousin Items	2010 Form A OI	2010 Form A FTI
					Justification for Not Retaining Current Test Item	OI = Operational Item	FTI = Field Test Item	OI - 2010 Item Numbers	FTI - 2010 Item Numbers
				All 3/4 ExGLEs assessed					
1.34	1.34A1-8	[3]1.1-1;[4]2.1-1	identify signs and symbols	DEVELOP eight more	Items 1, 2, 7, 8 did not function well, all had std>mean and low inter-item correlation, replace all four. Replace with same numbers from cousin items.	OI - 3, 4, 5, 6	FTI - 1, 2, 7, 8	OI - 1, 2, 3, 4	FTI - 5, 6, 7, 8
	1.34B1-10	[3/4]1.1-2; 2.1-2	identify letter sound	DEVELOP 10 more	All items had good inter-item correlation, though items 7, 8, 9 had std>mean. Replace those 3 items, as well as the two easiest items 1, and 6. Use cousin items 1, 6, 7, 8, 9.	OI - 2, 3, 4, 5, 10	FTI - 1, 6, 7, 8, 9	OI - 1, 2, 3, 4, 5	FTI - 6, 7, 8, 9, 10
	1.34C1-8	[3/4]1.1-3; 2.1-3	blend sounds	DEVELOP eight more	All eight items functioned well with good inter item correlation and good means and std. Replace items 1 and 8 (easiest), 5 and 6 (hardest). Use cousin items 1, 5, 6, 8.	OI - 2, 3, 4, 7	FTI - 1, 5, 6, 8	OI - 1, 2, 3, 4	FTI - 5, 6, 7, 8
	1.34D1-2	[3/4]1.1-4; 2.1-4	identify own name	Do not need to develop	Retain	OI - 1, 2	none	OI - 1, 2	
2.34	2.34A-C	[3/4]1.2; 2.2-1	identify detail	DEVELOP: Stories needs to be simplified. Stories are choppy with too many nonessential details. Need four questions per story with one story per test. See end of worksheet for example story and questions.	All three of the stories from 2008-09 functioned reasonably well. EED wants to only use 2 stories per grade band, and wants the story length reduced as well as fewer questions. Also, they don't want the same story to be used for multiple grades. But to keep some operational items it may be best to retain one original story and replace two stories with a new one. Retain story 2 (Annie). Do not use stories 1 and 3 in Form A. Replace stories 1 and 3 with Cousin Item story 1, items 1-4.	OI - Items 1-8 story 2	FTI - Items 1-4 story 1 cousin items	OI - Story 1: Items 1-8 (2.34A)	FTI - Story 2: Items 1-4 (2.34B)
				Use two stories for grades 3/4. Use different stories for every grade band.					
				All 5/6 ExGLEs assessed					
1.56	1.56A1-8	[5/6] 2.1-1	read words	DEVELOP eight more	Items 6 and 7 had an std>mean, replace, were the two most difficult items. Items 1 and 2 were the two easiest. Replace these four with cousin items 1, 2, 6, 7	OI - 3, 4, 5, 8	FTI - 1, 2, 6, 7	OI - 1, 2, 3, 4	FTI - 5, 6, 7, 8
	1.56B1-5	[5/6] 2.1-2	read sentences	DEVELOP five more	All items functioned well Replace item 5 (per EED and panel recommendation because of five words in sentence) and item 4.	OI - 1, 2, 3	FTI - 4, 5	OI - 1, 2, 3	FTI - 4, 5

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2.56	2.56A-C		reading passage	DEVELOP: Stories need to be simplified. Stories are choppy with too many nonessential details. Need questions on directions, beginning, end; main character, setting, details. One story per form. See end of worksheet for example story and questions. Use two stories for grades 5/6.	All three of the stories from 2008-09 functioned reasonably well. EED wants to only use 2 stories per grade band, and wants the story length reduced, fewer questions, and added a new task about facts and opinions. Also, they don't want the same story to be used for multiple grades. There is a need though to keep operational items. Retain story 3 (Jimmy). Replace stories 1 and 2 with cousin items story 2 (Jack).	OI - Items 1-12 story 3	FTI - Items 1-8 story 2 task 2.56C; and items 1-2 task 2.56D	OI - Story 1: Items 1-12 (2.56A)	FTI - Story 2: Items 1-8 (2.56B) and Items 1-2 (2.56C)
	2.56A-C1	[5/6] 2.6-1	directions						
	2.56A-C2	[5/6] 2.4-1	beginning, end						
	2.56A-C3	[5/6] 2.4-1	beginning, end						
	2.56A-C4	[5/6] 2.8-1	main character						
	2.56A-C5	[5/6] 2.2-1	details about story						
	2.56A-C6	[5/6] 2.2-1	details about story						
	2.56A-C7	[5/6] 2.2-1	details about story						
	2.56A-C10	[5/6] 2.8-2	setting						
	2.56A-C11	[5/6] 2.2-1; [5/6] 2.8-2	detail/setting						
	2.56A-C12	[5/6] 2.5-1	main idea						
	2.56A8-9, B8-9, C8-9	[5/6] 2.9-1	opinion/fact	DEVELOP as separate task from reading passage. Develop two sentences per form, one a straightforward fact, one an opinion related to the fact. Opinion will not be an emotion felt by a character. Ex.: Tigers are members of the cat family. Tigers are fascinating creatures.			see above - use 2.56D items 1-2		

1.78	1.78A1-4	[7/8] 3.1-3	read words	DEVELOP four more	All four items functioned well with mean > std, and good inter-item correlation. Replace item 1 (easiest item) and item 2 (hardest).	OI - 3, 4	FTI - 1, 2	OI - 1, 2	FTI - 3, 4
	1.78B1-7	[7/8] 3.1-2	obtain information	DEVELOP seven more	There are two distinct sets of student materials for this task, with items 1-4 using one set, and items 5-7 another. Looking at the data items 5 and 7 did not function well. Both had a low mean, and an std > mean. Retain items 1-4, and replace items 5-7 with cousin items.	OI - 1, 2, 3, 4	FTI - 5, 6, 7	OI - 1, 2, 3, 4	FTI - 5, 6, 7

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	1.78C.1-4	[7/8] 3.1-1	read sentences	DEVELOP four more	All items functioned well. To determine item difficulty each item from reliability data was scaled. Replace item 1 (easiest) and item 2 (most difficult).	OI - 3, 4	FTI - 1, 2	OI - 3, 4	FTI - 2, 1
2.78	2.78A1 B1, C1	[7/8] 3.5-1	directions	can either be a separate task or embedded in reading passage tasks, but should require student following written directions.	used. The three stories from the 2008-09 test functioned well. Retain story 1 (Hannah's Homework) and replace stories 2 and 3 with story 1 (Eating Lunch) from the cousin items.	OI - story 1 items 1-12	FTI - story 1 items 1-8 cousin items	OI - Story 1: Items 1-12 (1.78A)	FTI - Story 2, Items 1-8 (1.78B)
	2.78A-C2	[7/8] 3.3-1	beginning, middle, end	DEVELOP: Stories need to be simplified. Stories are choppy with too many nonessential details. Need questions on directions, beginning, end; describe character, setting, plot. One story per form. See end of worksheet for example story and questions.					
	2.78A-C3	[7/8] 3.3-1	beginning, middle, end						
	2.78A-C4	[7/8] 3.3-1	beginning, middle, end						
	2.78A-C5	[7/8] 3.4-1	main idea						
	2.78A-C8	[7/8] 3.7-1	describe characters						
	2.78A-C9	[7/8] 3.7-2	setting						
	2.78A-C10	[7/8] 3.7-2	setting						
	2.78A-C11	[7/8] 3.7-3	problem						
	2.78A-C12	[7/8] 3.7-3	resolution						
	2.78A-C6-7	[7/8] 3.8-1	opinion/fact						

		[9/10] 4.4-1		DEVELOP	Need item to assess follow multi-step directions; enough items for two forms				
1.910	1.910A1-8	[9/10] 4.1-1	decode words	DEVELOP eight items	All eight items functioned well with good means, std, and inter-item correlation. For data analysis of items each was scaled to determine item difficulty. Replace items 3 and 8 (easiest) and items 2 and 6 (most difficult).	OI - 1, 4, 5, 7	FTI - 2, 3, 6, 8 cousin items	OI - 1, 2, 3, 4	FTI - 5, 6, 7, 8
	1.910B1-6	[9/10] 4.1-1	identify root word	DEVELOP six items	All items functioned fairly well with good means and std. Retain all items because of the new Task 1.910C being added with 3 items.	OI - 1-6	none	OI - 1-6	

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	1.910C1-3, 1-3			DEVELOP Need item to assess follow multi-step directions; enough items for two forms	EED wants this task developed. Two sets of items were developed for a new Task 1.910C. Use set one items 1-3 for Form A	none	FTI - Set 1 items 1-3 cousin items Task 1.910C		FTI - 1-3
2.910	2.910A-B1	[9/10] 4.8-1	theme	DEVELOP: Stories needs to be simplified. Stories are choppy with too many nonessential details. Need questions on theme; describe character, setting, plot, correct sequence. One reading passage should be a story; one should be an informative piece.	EED wants two stories for task 2.910. Since Story 1 (Hannah's Homework) is already retained for 7/8, replace story 1 with story 1 of the cousin items (Ready for Graduation) Task 1.910A items 1-10 plus Task 1.910B items 1-2. Retain story 2 (Jan and the Party) from 2008-09 items 1-12.	OI - items 1-12 story 2	FTI - items 1-10 story 1 Task 1.910A and items 1-2 Task 1.910B cousin items	OI - Story 1: Items 1-12 (1.910A)	FTI - Story 2: Items 1-10 (1.910B) and Items 1-2 (1.910C)
	2.910A-B2	[9/10] 4.6-1	main character						
	2.910A-B3	[9/10] 4.6-1	main character						
	2.910A-B4	[9/10] 4.6-2	setting						
	2.910A-B5	[9/10] 4.6-3	conflict/problem						
	2.910A-B6	[9/10] 4.6-3	prediction						
	2.910A-B9	[9/10] 4.6-3	plot						
	2.910A-B10	[9/10] 4.3-1	main idea						
	2.910A-B11	[9/10] 4.2-1	summarize in correct sequence						
	2.910A-B12	[9/10] 4.2-1	summarize in correct sequence						
	2.910A-B7-8	[9/10] 4.7-2	opinion/fact	DEVELOP as separate task from reading passage. Develop two sentences per form, one a straightforward fact, one an opinion related to the fact. Opinion will not be an emotion felt by a character. Ex.: Tigers are members of the cat family. Tigers are fascinating creatures.	see above				

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Task No	Item No	ExGLE	Description	EED Comments	Items to Retain or Remove From 2008-09 Test	Retained Items	Items to Add From Cousin Items	2010 Form A OI	2010 Form A FTI
					Justification for Not Retaining Current Test Item	OI = Operational Item	FTI = Field Test Item	OI - 2010 Item Numbers	FTI - 2010 Item Numbers
	Gr. 3/4 Items that need cousin items								
1.34A	1.34A1-11	[3/4] 1.1-1, 2.1-1; [3/4] 1.1-3, 2.1-3	copy letters	DEVELOP	All items functioned well with good means (average scores per item, std (standard deviation), and inter-item correlation. Remove item numbers 2, 3, 6, 8, 10, as these were the 2 easiest, 2 most difficult, and a middle functioning item.	OI 1, 4, 5, 7, 9, 11	FTI Add Cousin Items 2, 3, 6, 8, 10 (letters t,b,M,F,R)	OI - 1, 2, 3, 6, 7, 8	FTI - 4, 5, 9, 10, 11
1.34B	1.34B1-7	[3/4] 1.1-1, 2.1-1; [3/4] 1.1-3, 2.1-3	copy words	DEVELOP	All items functioned well with good means, std, and inter-item correlation. Remove item numbers 1 (medium difficulty), 5 (most difficult of the 7 items), and 6 (easiest item). Item difficulty based on scaled scores.	OI - 2, 3, 4, 7	FTI Add Cousin Items 1, 5, 6	OI - 1, 2, 3, 4	FTI - 5, 6, 7
1.34C	1.34C	[3/4] 1.1-2, 2.1-2	write first and last name	Do Not need to develop		Retain the item in this task	none	OI - Retained	
		[3/4] 1.2-1, 2.2-1	matching and sequencing objects, symbols, drawings or pictures to tell a story or provide information	DEVELOP To replace Task 1.34D write words from dictation, develop 2-4 items for this ExGLE: at least a two-sentence story	Task 1.34D from the 2008-09 test is to be replaced with the two items from Task 1.34D of the Cousin Items.	none	FTI Cousin Items 1 and 2 from Task 1.34D replaces the old task		FTI - 1, 2 (1.34D)
	Gr. 5/6 Items that need cousin items								
1.56A	1.56A1-2		copy sentences	Not aligned; no need for cousin items of this type	Task 1.56A from the 2008-09 test is to be replaced with the new four items from 1.56A of the Cousin Items.	none	FTI Cousin Items 1-4 from Task 1.56A replaces the old task		FTI - 1-4
1.56B	1.56B	[5/6] 2.1-2	write first and last name	Do Not need to develop		Retain the item in this task	none	OI - Retained	
1.56C	1.56C1-5	[5/6] 2.1-1	write words from dictation	DEVELOP EED will change ExGLE to eliminate phonetic spelling; will change to spell simple sight words	All items in this task functioned well, though item 5 was the most difficult with a std almost equal to the mean. Remove items 2 (easiest item) and item 5 (most difficult item).	OI - 1, 3, 4	FTI Cousin Items 2 and 5 (sun, joke)	OI - 1, 2, 3	FTI - 4, 5

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1.56D	1.56D1-3	[5/6] 2.2-1; [5/6] 2.3-1	write a sentence	DEVELOP ExGLE includes pictures and/or symbols; scoring protocol needs to take into account use of graphic product as specified in ExGLE	Task 1.56D1-3 is to be replaced with the cousin items developed.	none	FTI Cousin Items 1-3 from Task 1.56D replaces the old task		FTI - 1, 2, 3
		[5/6] 2.3-1	conventions of writing	DEVELOP To replace Task 1.56A Copy sentence, develop items similar to 1.78B with only one correction per sentence, either capitalization of first word or period at end of sentence. Need four sentences.	This was addressed in 1.56A above.				
	Gr. 7/8 Items that need cousin items								
		[7/8] 3.4-1		DEVELOP items to assess ExGLE [7/8] 3.4-1 revision	This new task becomes 1.78E for Form A and will use the four cousin items developed for task 1.78E	none	FTI Cousin Items from Task 1.78E 1-4		FTI 1-4 (1.78E)
1.78A	1.78A1-3	[7/8] 3.1-1	write a sentence from dictation	DEVELOP	All three items functioned well with similar means and std. Remove item 3.	OI - 1, 2	FTI Cousin Item 3 from task 1.78A	OI - 1, 2	FTI - 3
1.78B	1.78B1-3	[7/8] 3.3-1	conventions of writing	DEVELOP Task is labeled revise sentences; change title of task to "Conventions of Standard English." Too many corrections in a single sentence. Limit to one or two corrections per sentence.	Replace these three items (first 3 items of 2008-09 Task 1.78B) with the three items from the cousin items Task 1.78B.	none for Task 1.78B, but items 4-7 will be retained for Task 1.78C	FTI Cousin Items from Task 1.78B (3 items) replace this task		FTI - 1, 2, 3
	1.78B4-7	[7/8] 3.2-1	rearrange words to create a sentence	DEVELOP 1.78B4-7 Rename as separate task "Communicate Ideas Using Words" DEVELOP three more sentence since 1.910A5-7 can be used as cousin items for this task grades 7/8	Retain the items 4-7 from the 2008-09 test of Task 1.78B, which will become items 1-4 of Task 1.78C for 2009-10, and add Cousin Items 5, 6, 7 from Cousin items Task 1.78C	OI - 4, 5, 6, 7 from Task 1.78B above	FTI Cousin Items 5, 6, 7 from Task 1.78C	OI - 1, 2, 3, 4 (1.78C)	FTI - 5, 6, 7 (1.78C)

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1.78C	1.78C1-2	[7/8] 3.1-1; [7/8] 3.2-1	write a sentence	DEVELOP	This task now becomes Task 1.78D Write A Sentence in the Form A. Of the two items from the 2008-09 test, item 2 did not function as well, having an std almost equal to the mean. Remove item 2, retain item 1.	OI - item 1	FTI Cousin Item 2 from Task 1.78D	OI - 1 (1.78D)	FTI - 2 (1.78D)
	Gr. 9/10 Items that need cousin items								
1.910A	1.910A1-4	[9/10] 4.3-1	identifying and/or correcting errors	DEVELOP Task is labeled revise sentences; change title of task to "Conventions of Standard English." Too many corrections in a single sentence. Limit to one or two corrections per sentence. Need seven sentences developed	All 7 items from the 2008-09 test will be replaced with the 7 cousin items developed for Task 1.910A	none	FTI Cousin Items 1-7 from Task 1.910A will replace this task		FTI - 1-7
	1.910A5-7			Not aligned; no need for cousin items of this type		none	none	Retained	
1.910B	1.910B	[9/10]4.1-1; [9/10] 4.2-1	write a story	DEVELOP one topic	Retain this item	OI 1	none	OI - 1	
1.910 C	1.910C1-6	[9/10] 4.4-1	word choice	DEVELOP six sentences. Change "milk and oats" to "water and oats" and change sentence to "into the pot." Add title to Student Materials page 18 "Bill Makes Oatmeal"	Retain these items, but make the wording changes suggested in the cell to the left, along with adding the title to the student materials.	OI 1-6	none	OI - 1-6	FTI - 7-9
	1.910C7-9	[9/10] 4.4-4	correct order	DEVELOP accompanies sentences for word choice above	The wording changes from above should be applied to these items as well.	OI 7-9	none		

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Task No	Item No	ExGLE	EED Comments--Dec 2007	Items to Retain or Remove From 2008-09 Test	Retained Items	Items to Add From Cousin Items	2010 Form A OI	2010 Form A FTI
				Justification for Not Retaining Current Test Item	OI = Operational Item	FTI = Field Test Item	OI - 2010 Item Numbers	FTI - 2010 Item Numbers
			The 3/4 math test has 23 items (12 numeration items, 11 Geometry). Geometry includes 8 items that are double coded to F&R also)					
1.34	1.34A1-8	[3/4] N-2	Include these existing items from SP 2008 in item review format	All eight items functioned very well, with good means, std, and inter-item correlation. Replace items 2 and 6 (easiest) and items 3 and 5 (most difficult) based on the 2008-09 reliability data. Combined 2007-08 data indicated that items 1 and 2 were most difficult and 8 and 5 easiest. Because there are students participating in the tests who take a minimum number of items (3x3 rule) and then proceed to the ELOS test, items 1, 2, 3 may appear to be the most difficult, but when the reliability tables are analyzed, in which each item has the same number of participants, which reduces the number of participants to those who took all 8 items, then items 2 and 6 are the easiest, 3 and 5 the most difficult.	OI - 1, 4, 7, 8	FTI - 2, 3, 5, 6	OI - 1, 2, 3, 4	FTI - 5, 6, 7, 8
1.34	1.34B1-3	[3/4] N-3	Develop items that use pictures to show first and last as well as number lines	This task is to be renamed First and Last. Retain items 1, 2, 3. Add new cousin items 4, 5, 6 (animals, objects). Note that there is a mistake on the cousin items scoring protocol for item 6, which is labeled as 5.	OI - 1, 2, 3	FTI - 4, 5, 6	OI - 1, 2, 3	FTI - 4, 5, 6
1.34	1.34C1	[3/4] N-1	Include these existing items from SP 2008 in item review format	Retain this item.	OI - 1	none	OI - 1	
2.34	2.34.1-8	Double code items 3/4 F&R-2 & 3/4 G-2	For [3/4] F&R-2 do not need to always use shapes to identify attributes as same or different; use pictures	beyond the simple shapes (circles, squares, etc.). All eight of these items functioned very well, with good means, std, Cronbach's Alpha, and inter-item correlation. There was not a great deal of variation among the means of the items. Therefore, retain items 1-4 and replace items 5-8 with cousin items 5-8, which the student materials contain graphics other than simple	OI - 1, 2, 3, 4	FTI - 5, 6, 7, 8	OI - 1, 2, 3, 4	FTI - 5, 6, 7, 8
3.34	3.34.1-3	[3/4] G-1 and G-2	Include these existing items from SP 2008 in item review format	No new cousin items were developed for this task per EED request. All three items functioned very well with good means, std, Cronbach's Alpha, and inter-item correlation. Retain items 1-3.	OI - 1, 2, 3	none	OI - 1, 2, 3	
			The 5/6 math test has 52 items. (Numeration=10 items, E&C=7, F&R=7, S&P=10, MEA=6, and G=12)					
1.56	1.56A1-5	[5/6] N-2	Develop items 1-5 using different numbers from 2008	All items functioned well with good means, std, and inter-item correlation. Retain items 1, 4, 5. Replace items 2 and 3, to bring in a different number to ID and write, and also write a number that does not require curved lines in its formation.	OI - 1, 4, 5	FTI - 2, 3	OI - 1, 2, 3	FTI - 4, 5
1.56	1.56B1-3	[5/6] N-3	Develop items that use pictures to show first and last as well as number lines	EED requested an additional three items be developed for this task. Retain the existing items 1, 2, 3. Add cousin items 4, 5, 6.	OI - 1, 2, 3	FTI - 4, 5, 6	OI - 1, 2, 3	FTI - 4, 5, 6
1.56	1.56C1	[5/6] N-4	Develop items 1-3 using different pictures	Replace this one item for the task with the cousin item developed as the cousin item graphics more closely match the task name and ExGLE.	none	FTI - 1		FTI - 1

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1.56	1.56D1	[5/6] N-1	Include these existing items from SP 2008 in item review format	No changes to these items per EED request.	OI - 1	none	OI - 1	
2.56	2.56.1-7	[5/6] E&C-2	Develop seven new items	All items functioned well with good means, std, and inter-item correlation. Replace item 1 (easiest), 6 (middle), and 7 (most difficult).	OI - 2, 3, 4, 5	FTI - 1, 6, 7	OI - 1, 2, 3, 4	FTI - 5, 6, 7
3.56	3.56.1-7	[5/6] F&R-1	Develop seven new items	All items functioned well with good means, std, and inter-item correlation. Replace item 3 (easiest), 5 (middle), and 7 (most difficult), based on 2008-09 data of the same (N) for all items in task.	OI - 1, 2, 4, 6	FTI - 3, 5, 7	OI - 1, 2, 4, 6	FTI - 3, 5, 7
4.56	4.56.1-10	[5/6] S&P-2	Develop items 1-10 w/ new chart and problems	There was good functionality with the means and std of these 10 items. Inter-item correlation was good overall. This is a difficult decision as to replace any one item requires all 10 items to be replaced. Also, there is feedback from DRA to eliminate items 3, 4, 5, 6, which would bring it down to a 6 item task, which is different from the development spreadsheet which states it going down from a 14 item task to a 10 item task. By eliminating the 4 items, it does bring it down to 10 points for the task. There last four tasks are all retained per EED request, which total 22 points, with task 5.56A being replaced with cousin items for a total of 5 points. That still leaves 17 points being retained on the test, with the other tasks fairly well balanced between operational and field test items. Based on this information, replace this task with the cousin item Task 4.56.	none	FTI - Cousin Item Task 4.56 items 1-6?		FTI - 1-6
5.56	5.56A1-2	[5/6] MEA-1	Develop sets of items to measure same, bigger/smaller and more	Replace items 1 and 2 with the three items, 1, 2, 3 from the cousin items, per EED request to change the graphics and item approach to the ExGLE.	none	FTI - 1, 2, 3		FTI - 1, 2, 3
5.56	5.56B1-4	[5/6] MEA-2	Include these existing items from SP 2008 in item review format	No changes to these items per EED request.	OI - 1-4	none	OI - 1-4	
6.56	6.56A1-8	[5/6] G-1	Include these 8 existing items from SP 2008 in item review format	No changes to these items per EED request. But note that student materials in cousin items has just the 6 shapes needed for Task 6.56A.	OI - 1-8	none	OI - 1-8	
6.56	6.56.B1-3	[5/6] G-2	Include these 3 existing items from SP 2008 in item review format	No changes to these items per EED request.	OI - 1, 2, 3	none	OI - 1, 2, 3	
6.56	6.56C1	[5/6] G-3	Include this 1 existing item from SP 2008 in item review format	No changes to these items per EED request.	OI - 1	none	OI - 1	
			There are 60 math items for grades 7/8 (N=11, E&C=7, F&R=9, S&P=10, MEA=12, G=11)					
		[7/8] N-3	Need to develop two sets of items for ExGLE N-3 identifying place values of ones and 10s; no existing items in 2008 test					

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1.78	1.78A1-2	[7/8] N-2	Develop 2 more items	Both items functioned well. Retain this task as the next task is being added to the grade band.	OI - 1, 2	none		
			Need to develop two sets of items for ExGLE N-3 identifying place values of ones and 10s; no existing items in 2008 test	This task of 2 items is added per EED request, which is Task 1.78B of the Cousin Items.	none	FTI - Items 1, 2 of cousin items Task 1.78B	OI - 1, 2	FTI - 3, 4
		[7/8] N-3						
1.78	1.78B1-2	[7/8] N-5	Develop 2 more items using circles	Replace this item as the student materials graphics are better than those used in the 2008-09 test.	none	FTI - 1, 2, cousin items Task 1.78C		FTI - 1, 2
			Develop two sets of items with one using different segment of number line and one using pictures	Retain items 1, 2, 3, as EED requested that two items be replaced using pictures instead of number lines. Replace items 4 and 5. All items will become Task 1.78D.	OI - 1, 2, 3	FTI - items 4, 5 of cousin items Task 1.78D	OI - 1, 2, 3	FTI - 4, 5
1.78	1.78C1-5	[7/8] N-4						
			Develop item to skip count by 10s starting with number 10	Replace this item with cousin item Task 1.78E as it balances out the point distribution of operational to field test items. The cousin item also reflects panel committee's request for changes to task directions.	none	FTI - item 1 of cousin item Task 1.78E		FTI - 1
1.78	1.78D	[7/8] N-7						
			Include this 1 existing item from SP 2008 in item review format	No changes to these items per EED request.	OI - 1	none	OI - 1	
1.78	1.78E	[7/8] N-1						
2.78	2.78.1-7	[7/8] E&C-2	Develop 7 new items	All items functioned reasonably well with good means, std, and inter-item correlation. Feedback from panel committees seems to recommend more double digit items and more subtraction. Replace items 3, 4, and 5.	OI - 1, 2, 6, 7	FTI - items 3, 4, 5 of cousin items Task 2.78	OI - 1, 2, 6, 7	FTI - 3, 4, 5
				Panel committees recommended a slight change to the directions read to students. Items 1 and 2 functioned well, but item 3 functioned poorly with a std>mean and low inter-item correlation. Replace all 3 items with cousin item Task 3.78A.	none	FTI - items 1, 2, 3 from cousin items Task 3.78A		FTI - 1, 2, 3
3.78	3.78A1-3	[7/8] F&R-1	Develop 3 new items					
				All four items functioned very well with very close means, std, and inter-item correlation. Retain all items as either all must be replaced or all retained.	OI - 1, 2, 3, 4	none	OI - 1, 2, 3, 4	
3.78	3.78B1-4	[7/8] F&R-2	Develop 4 new items					
				These two items did not function very well, with std about the same as the mean in each one. Also, the student materials are unclear as to whether the assessor presents all three equations, or two equations. Replace these two items with items 1 and 2 from cousin items 3.78C.	none	FTI - items 1, 2 from cousin items Task 3.78C		FTI - 1, 2
3.78	3.78C1-2	[7/8] F&R-3	Develop 2 new items					
				This task has ten items and is worth 14 points. It is also a task that either must all be retained or all items replaced because of the type of task it is. The analysis of this task was performed last because of this. Considering all tasks in this grade band, and excluding this task the balance of points for operational items is 46, and the field test items is 33. To try to attain a 1:1 ratio of operational to field test items, replace this task with Task 4.78 of the cousin items. Another benefit of replacing this task is that it uses many of the same student material graphics as the existing 5/6 grade Read Simple Graphs task.	none	FTI - items 1-10 from cousin items Task 4.78		FTI - 1-10
4.78	4.78.1-6	[7/8] S&P-1	Develop items 1-10 w/ new chart and problems; include concept of most in an item					
4.78	4.78.7-10	[7/8] S&P-2	See above					

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5.78	5.78A1-6	[5/6] MEA-1	Develop 3 calendar items (e.g., how many days until ... or how many days in the week) and include these 6 existing items from SP 2008 in item review format	Add three new items to this task, which will now contain nine items. New items added are cousin items Task 5.78A 1, 2, 3 (calendar items). Replace existing items 1, 2, 3 with cousin items Task 5.78A 4, 5, 6 as panel recommended reducing number student material's line choices from 7 down to 5. Retain existing items 4, 5, 6, but they will become items 7, 8, 9 of Form A.	OI - items 4, 5, 6 (but they become items 7, 8, 9 of Form A test	FTI - items 1-6 of cousin items Task 5.78A	OI - 7, 8, 9	FTI - 1-6
5.78	5.78B1-2	[7/8] MEA-2	Develop 2 new items	Both items functioned well. Retain both items.	OI - 1, 2	none	OI - 1, 2	
5.78	5.78C 1-4	[7/8] MEA-3	Include these 4 existing items from SP 2008 in item review format	No changes to these items per EED request.	OI - 1-4	none	OI - 1-4	
6.78	6.78A1-6	[7/8] G-1	Include these 6 existing items from SP 2008 in item review format	No changes to these items 1-6 per EED request for Task 6.78A.	OI - 1-6	none	OI - 1-6	FTI - 7, 8
6.78	6.78A7	[7/8] G-5	Develop 2 news items, one that is over and under and one that is beside	Replace item 7 from Task 6.78A with items 7 and 8 cousin items Task 6.78A.	none	FTI - items 7, 8 cousin items Task 6.78A		
6.78	6.78.B1-3	[7/8] G-2	Include these 3 existing items from SP 2008 in item review format	No changes to these items per EED request.	OI - 1-3	none	OI - 1-3	
6.78	6.78C1	[7/8] G-4	Include this 1 existing item from SP 2008 in item review format	No changes to these items per EED request.	OI - 1	none		
			There are 59 math items for 9/10 (N=10, E&C=9, F&R=10, S&P=10, MEA=9, G=11)					
		[9/10] G-2	Need to develop 3 items for ExGLE G-2 showing shapes as larger than, smaller than, same size as; no existing items in the 2008 test					
1.910	1.910A1-5	[9/10] N-1	Develop 5 new items	All five items functioned well with good means, std, and inter-item correlation. Replace items 2 (most difficult) and item 4 (easiest)	OI - 1, 3, 5	FTI - 2, 4	OI - 1, 2, 3	FTI - 4, 5
1.910	1.910B1-4	[9/10] N-3	Develop 4 more items using circles	Because of how the item student materials are presented to the student, either all items or none of the items must be replaced or retained. The student materials graphics are not consistent, and two of the items had a std>mean. Replace all items with cousin items Task 1.910B	none	FTI - 1-4 cousin items task 1.910B		FTI - 1-4
1.910	1.910C1	[9/10] N-2	Develop 1 more item with two-digit numbers	This item functioned well with a good mean and std. Again, because of how the student materials are structured this task must be retained or replaced. To balance out the ratio of operational to field test items, retain this task.	OI - 1	none	OI - 1	
2.910	2.910A1-3	[9/10] E&C-1	Develop 3 new items	These three items did not function well, have a std>means and low inter-item correlation. The panels reviewing items rated the three items in this task as hard. The cousin items developed are very similar to the operational items. The difficulty of the items is just due to the fact that rounding numbers is a difficult task for this student population. Retain all three items, in part because of how the student materials are structured.	OI - 1, 2, 3	none	OI - 1, 2, 3	
2.910	2.910B1-4	[9/10] E&C-2	Develop 4 new items	Item 3 did not function well with a std>mean. Other three items functioned fairly well in mean, std, and inter-item correlation. Replace item 3 (most difficult) and item 2 easiest.	OI - 1, 4	FTI - 2, 3 cousin items task 2.910B	OI - 1, 2, 5	FTI - 3, 4, 6
2.910	2.910B5-6	[9/10] E&C-3	Develop 2 new items	Item 5 of this task did not function well with a std>mean. Item 6 functioned well. Replace item 5.	OI - 6	FTI - 5 cousin item task 2.910B		

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3.910	3.910A1-2	[9/10] F&R-1	Develop 2 new items	All six items in this task functioned well with good means, std, and inter-item correlation. Replace items 2 (easiest), 4 (middle), and 5 (most difficult).	OI - 1, 3, 6	FTI - 2, 4, 5 (changed to FTI 3)	OI - 1, 2, 3	FTI - 4, 5, 6
3.910	3.910A3-5	[9/10] F&R-2	Develop 3 new items					
3.910	3.910A6	[9/10] F&R-1	Develop 1 new item					
3.910	3.910B1-4	[9/10] F&R-3	Develop 4 new items	Items 3 and 4 did not function well on this task, with std>mean, and low inter-item correlation. This is probably due to the item difficulty as it is requiring students to use greater than or less than math symbols. Because of how the student materials are structured in the 2008-09 test with items being shared with the 7/8 grade band, replace items 1-4 with the cousin items task 3.910B	none	FTI - items 1-4 cousin items task 3.910B		FTI - 1-4
4.910	4.910.1-6	[9/10] S&P-1	Develop items 1-10 w/ new chart and problems (different from previous grades); should have a problem for which students need to be able to read a graph to solve it	Of these ten items, nine functioned well with good means and std, though inter-item correlation was fair to good. Item 10 did not function well as the mean was low and std>mean and poor inter-item correlation. Item 10 is a difficult item asking students to complete a multiple step process to complete the item. It also address the ExGLE well. Because of how the student materials are structured with this task, all items must be retained or replaced. Also to keep the ratio of operational items to field test items in a balanced 1:1 ratio, retain all ten items.	OI - 1-10	none	OI - 1-10	
4.910	4.910.7-10	[9/10] S&P-2	See above					
5.910	5.910A1-6	[9/10] MEA-1	Develop 3 temperature items (e.g., show temperature on thermometer and match to appropriate clothing or weather conditions) and include these 6 existing items from SP 2008 in item review format	This task will now consist of nine items, as EED requests that three additional items be added about temperature. Add cousin items 1, 2, 3 from task 5.910A. The existing six items from the 2008-09 test functioned well with good means, std. Inter-item correlation was not in the good rating, with several correlations at the .200 level or below. Feedback from standard setting and review panels made suggestions for changes to these six items. In items 1-3 they wanted the student materials to change from 7 line choices to 5 line choices, and also to differ from the 7/8 grade band items. They also wanted the student materials different from the 7/8 grade band items for items 4-6. The student materials for these three items is of an old style. Therefore, replace all six existing items with items 4-9 of cousin items task 5.910A.	none	FTI - items 1-9 cousin items task 5.910A		FTI - 1-9
5.910	5.910.B1-3	[9/10] MEA2	Develop 3 new items	All items functioned well with good means, std, and inter-item correlation. Because of the number of field test items being introduced, retain all items in this task.	OI - 1, 2, 3	none	OI - 1, 2, 3	
6.910	6.910A1-8	[9/10] G-1	Develop 8 new items	Seven of the eight items functioned well, with good means, std, and inter-item correlation. Item 5 did not function well with a low mean, std>mean, and low inter-item correlation. Feedback from panels suggested that the right triangle not be used as an item in this task. Because of how student materials are structured for the task, either all items must be retained, or all items replaced. Replace all items with items 1-8 of cousin items 6.910A.	none	FTI - items 1-8 cousin items 6.910A		FTI - 1-8, 9, 10, 11
		[9/10] G-2	Need to develop 3 items for ExGLE G-2 showing shapes as larger than, smaller than, same size as; no existing items in the 2008 test	These three items are added per EED request and will become Task 6.910B on Form A.				

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6.910	6.910B1-2	[9/10] G-4	Develop 2 new items	These two items functioned well with good means, std, and inter-item correlation. Retain both items. But, for Form A of this task, Lines of Symmetry, the panels felt that the scoring protocol needs to be fixed so that it is clear there are two items in this task. Break out the questions into item 1 and item 2.	OI - 1, 2	none	OI - 1, 2	
6.910	6.910C1	[9/10] G-5	Develop 1 new items requiring the use of a ruler (include ruler in student materials)	This item did not function well with a very low mean, and the std>mean. Panel comments suggested that the existing item does not address the ExGLE fully. Replace this item with cousin item from Task 6.910D.	none	FTI - item 1 cousin item 6.910D		FTI - 1

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Develop cousin items for all items. For those ExGLEs that had no items and ExGLEs that were bad matches develop two sets.				General Notes: All pictures should have labels and test administration directions should state that teachers need to read labels	Old items will not change, but we are including comments from standard setting to guide the development of cousin items.	Items to Retain or Remove From 2008-09 Test	Items to Add From Cousin Items	2010 Item Number
						Justification for Not Retaining Current Test Item	OI = Operational Item FTI = Field Test Item	
Task No	Item No	ExGLE	Alaska Content Standard	Item Content 2008-09 Test				
		No SB1.1		Identifying how matter can be composed of different substances (e.g., cement is made up of gravel and water)	Develop two sets of items		Task 1.10 now will have 8 items; add FTI cousin items 1.101 and 1.102	FTI - 7, 8
1.10	1	[9/10] SB2.1	B1- Concepts of Physical Science	Here is a picture of a watch. Point to the picture that shows how the watch gets energy to operate.		Retain	OI - but see above cell for adding 2 additional items to task to make 8 items total rather than 6	OI - 1
1.10	2	[9/10] SB2.1	B1- Concepts of Physical Science	Here is a picture of a table lamp. Point to the picture that shows how the lamp gets energy to turn on.		Retain	OI	OI - 2
1.10	3	[9/10] SB3.1	B1- Concepts of Physical Science	Look at these pictures in front of you. What in these pictures is a solid?	Need consistent style from item-to-item. Other items say "here is a picture of" not "look at these pictures." Develop two new sets of items because existing item is poorly written and pictures are confusing because there are many solids (glass, spoon, sand)	Poorly written question; old style graphics; poor inter-item correlation	FTI Add cousin item 1.105	FTI - 3
1.10	4	[9/10] SB3.1	B1- Concepts of Physical Science	Here are pictures of ice cubes, a glass of water, and boiling water. Which picture shows when water will turn into steam?		Retain	OI	OI - 4
1.10	5	[9/10] SB4.1	B1- Concepts of Physical Science	Alice throws a rubber ball. What will happen when the ball hits the wall?		Retain	OI	OI - 5
1.10	6	[9/10] SB4.1	B1- Concepts of Physical Science	Here is a picture of two boys standing on two sides of a table pushing it. Which direction will the table go when these boys push it with equal force?		std>mean; very poor inter-item correlation	FTI Add cousin item 1.108	FTI - 6
2.10	1	[9/10] SC1.1	C1- Concepts of Life Science	Here is a picture of two adult dogs. Which puppy inherited the spots?	Need to add to errata. SM 08 are incorrect. Question does not match SP.	Retain	OI	OI - 1

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2.10	2	[9/10] SC1.1	C1- Concepts of Life Science	These pictures show a pony, a strong horse, and a racehorse. If a farmer wants to raise fast horses, which one would he choose to be a parent of his next foal/baby horse?		Retain	OI	OI - 2
2.10	3	[9/10] SC2.1	C1- Concepts of Life Science	Here is a picture of a mouse with thick fur, a mouse with less fur, and a mouse with a normal amount of fur. Mice need fur to stay warm. What could happen to the fur of the mouse over time if the climate got colder?	Question should be what will happen to the mouse population and pictures could be better.	std>mean; low inter-item correlation	FTI Add cousin item 2.103	FTI - 3
2.10	4	[9/10] SC2.1	C1- Concepts of Life Science	Here are pictures of a mouse, a duck, and a wolf. Which of these animals is dangerous to sheep?	Existing item not a good match to the ExGLE. New item could be why seals have a layer of blubber. Develop two sets of items	Question not a good match to EXGLE	FTI Add cousin item 2.104	FTI - 4
2.10	5	[9/10] SC2.1	C1- Concepts of Life Science	Here are pictures of a mouse, a duck, and a wolf. Which animal has feet specially adapted for swimming?		Retain	OI	OI - 5
2.10	6	[9/10] SC3.1	C1- Concepts of Life Science	Foxes eat mice and mice eat seeds. Here are pictures of foxes. There are three foxes. What might happen to the number of foxes if there are not enough seeds for the mice to eat?	Not a good match to the ExGLE. Develop two sets of items.	high std	FTI Add cousin item 2.106	
		No SD1.1		Identifying that smaller rocks come from the weathering and breaking up of bigger rocks	Develop two sets of items		Task 3.10 now will have 8 items; add FTI cousin items 3.101 and 3.102	FTI - 7, 8
3.10	1	[9/10] SD1.2	D1- Concepts of Earth Science	Look at these pictures in front of you. What in these pictures is a liquid?	Need item consistency. Style "Here are pictures . . ." Pictures are too busy with too many details.	Feedback from standard setting panel; old style graphics	FTI Add cousin item 3.103	FTI - 1

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3.10	2	[9/10] SD1.2	D1- Concepts of Earth Science	Water can evaporate (changes from liquid to gas) faster under certain conditions. Here are pictures of a sunny day, a rainy day, and a snowy day. Which picture shows when water would evaporate from this plant fastest?		Retain	OI	OI - 2
3.10	3	[9/10] SD2.1	D1- Concepts of Earth Science	Look at these pictures in front of you. In which picture is the water most likely to move the rocks?	Need item consistency. Style "Here are pictures . . ."	Retain	OI	OI - 3
3.10	4	[9/10] SD3.1	D1- Concepts of Earth Science	Here are several pictures of books. On the moon, where there is little gravity, what will happen when you drop a book?		Retain	OI	OI - 4
3.10	5	[9/10] SD3.1	D1- Concepts of Earth Science	Which picture shows the direction of the force of gravity?	Need item consistency. Style "Here are pictures . . ."	Feedback from standard setting panel; low inter-item correlation	FTI Add cousin item 3.107	FTI - 5
3.10	6	[9/10] SD3.1	D1- Concepts of Earth Science	Here are pictures of an apple being dropped on the earth and on the moon. What would happen if an apple was dropped from the same distance both on Earth and on the moon?		Retain	OI	OI - 6
4.10	1	[9/10] SE2.1	E1-Science and Technology	Here are pictures of a ruler, a scale, and a thermometer. You want to learn about how tall plants grow when they are inside or outside. What could you use to measure how tall the plant grows?		Retain	OI	OI - 1
4.10	2	[9/10] SE2.1	E1-Science and Technology	Here is a picture of eyeglasses, a magnifying glass, a camera, and a microscope. Which tool allows people to see cells?		Old style graphics; item has 4 choice response items rather than the usual 3	FTI Add cousin item 4.102	FTI - 2
4.10	3	[9/10] SE2.1	E1-Science and Technology	Here are pictures of solar panels, a wind farm, and a dam. Which could be used to capture renewable energy in a windy area?		Retain	OI	OI - 3

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4.10	4	[9/10] SE3.1	E1-Science and Technology	Here are pictures of a lamp, a candle, and a flower. What was used for light before electricity was available?		Retain	OI	OI - 4
4.10	5	[9/10] SE3.1	E1-Science and Technology	Weather can change every day. Climate is more stable. Here is a picture of the weather for the week and a picture of the weather for the month. Jon is trying to plan what to wear outside on Wednesday. Which of these pictures will help him decide?"	Bad match for the ExGLE. Develop two sets of items.	Feedback from standard setting panel of bad match for EXGLE	FTI Add cousin item 4.105	FTI - 5
4.10	6	[9/10] SE3.1	E1-Science and Technology	Here is a picture of a person pushing a rock, a tractor pushing a rock, and two people pushing a rock. What would be the best way to move this rock?		Old style graphics used	FTI Add cousin item 4.106	FTI - 6